



IN THE UNITED STATES  
PATENT AND TRADEMARK OFFICE

**PATENT APPLICATION**

**Inventor(s):** Jin-Meng Ho et al.

**Docket No.:** 2000-0397

**Application No.:** 09/617,083

**Filing Date:** 07/14/2000

**Examiner Name:** Steven Blount

**Group Art Unit:** 2661

**Title:** Virtual Streams for QoS-Driven Wireless LANS

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Technology Center 2600

**COMMISSIONER FOR PATENTS**

**P.O. BOX 1450**

**ALEXANDRIA, VA 22313-1450**

**SIR:**

**INFORMATION DISCLOSURE STATEMENT**

Pursuant to 37 C.F.R. §1.56, the attention of the Patent and Trademark Office is hereby directed to the references listed on the attached PTO/SB/08A. Unless otherwise indicated herein, one copy of each reference is attached. It is respectfully requested that the information be expressly considered during the prosecution of this application, and that the references be made of record therein and appear among the "References Cited" on any patent to issue therefrom. In accordance with 37 C.F.R. §1.97(h), the filing of this Information Disclosure Statement shall not be construed to be an admission that the information cited in the statement is, or is considered to be, material to patentability as defined in §1.56(b).

1. This information disclosure statement is being filed within three months of the filing date of a national application other than a continued prosecution application under §1.53(d); within three months of the date of the entry of the national stage as set forth in §1.491 in an international application; before the mailing of a first Office action on the merits; or before the mailing of a first Office action after the filing of a request for continued examination under §1.114. No certification or fee is required. (37 C.F.R. §1.97(b)).

2. This information disclosure statement is being filed more than three months after the filing date of a national application other than a continued prosecution application under §1.53(d); more than three months after the date of the entry of the national stage as set forth in §1.491 in an international application, after the mailing date of a first Office action on the merits, or after the mailing of a first Office action after the filing of a request for continued examination under §1.114, but before the mailing date of any of a Final action under §1.113, a Notice of Allowance under §1.311 or an action that otherwise closes prosecution in the application. (37 C.F.R. §1.97(c)).

a. I hereby certify that each item of information contained in this information disclosure statement was first cited in any communication from a foreign patent office in a counterpart foreign application not more than three months prior to the filing of this information disclosure statement. (37 C.F.R. §1.97 (e)(1)).

b. I hereby certify that no item of information contained in this information disclosure statement was cited in a communication from a foreign patent office in a counterpart foreign application and to my knowledge after making reasonable inquiry, no item of information contained in the information disclosure statement was known to any individual designated in §1.56(c) more than three months prior to the filing of this information disclosure statement. (37 C.F.R. §1.97 (e)(2)).

c. Please debit Deposit Account No. 01-2745 in the amount of \$180.00 to cover the fee under 37 C.F.R. §1.17(p) and to ensure consideration of the disclosed information.

3. This information disclosure statement is being filed after the mailing date of any of a Final action under §1.113, a Notice of Allowance under §1.311, or an action which otherwise closes prosecution, whichever occurs first, but on or before payment of the Issue Fee. (37 C.F.R. §1.97(d)).

a. I hereby certify that each item of information contained in this information disclosure statement was first cited in any communication from a foreign patent office in a counterpart foreign application not more than three months prior to the filing of this information disclosure statement. (37 C.F.R. §1.97(e)(1)).

b. I hereby certify that no item of information contained in this information disclosure statement was cited in a communication from a foreign patent office in a counterpart foreign application or, to my knowledge after making reasonable inquiry, was known to any individual designated in §1.56(c) more than three months prior to the filing of this information disclosure statement. (37 C.F.R. §1.97(e)(2)).

c. Please debit Deposit Account No. 01-2745 in the amount of \$180.00 to cover the fee under 37 C.F.R. §1.17(p) and ensure consideration of the disclosed information.

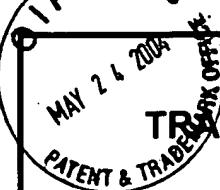
Respectfully,

By:

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Date: 5/20/04

AT&T CORP.  
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Middletown, New Jersey 07748-4110


**TRANSMITTAL  
FORM**

(to be used for all correspondence after initial filing)

Application Number	09/617,083	# RS
Filing Date	07/14/2000	6-15-04 12
First Named Inventor	Jin-Meng Ho et al.	
Group Art Unit	2661	
Examiner Name	Steven Blount	
Total Number of Pages in this Submission	7 plus references	Technology Center 2600 2000-0397

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Enclosures (check all that apply)		
<input checked="" type="checkbox"/> Fee Transmittal Form <input type="checkbox"/> Fee Attached <input type="checkbox"/> Amendment / Response <input type="checkbox"/> After Final <input type="checkbox"/> Affidavits / Declaration(s) <input type="checkbox"/> Extension of Time Request <input type="checkbox"/> Express Abandonment Request <input checked="" type="checkbox"/> Information Disclosure Statement <input type="checkbox"/> Certified Copy of Priority Document(s) <input type="checkbox"/> Response to Missing Parts under 37 CFR 1.52 or 1.53 <input type="checkbox"/> Response to Missing Parts/Incomplete Application	<input type="checkbox"/> Assignment & Recordation Cover Sheet <input type="checkbox"/> Drawing(s) & Letter to Official Draftsman <input type="checkbox"/> Licensing-related Papers <input type="checkbox"/> Petition to the Commissioner <input type="checkbox"/> Petition to Convert a Provisional Application <input type="checkbox"/> Power of Attorney, Revocation Change of Correspondence Address <input type="checkbox"/> Terminal Disclaimer <input type="checkbox"/> Request for Refund	<input type="checkbox"/> After Allowance Communication to Group <input type="checkbox"/> Appeal Communications to Board of Appeals and Interferences <input type="checkbox"/> Appeal Communications to Group (Appeal Notice, Brief, Reply Brief) <input type="checkbox"/> Proprietary Information <input type="checkbox"/> Status Letter <input checked="" type="checkbox"/> Return Receipt Postcard <input type="checkbox"/> CD, Number of CDs <input checked="" type="checkbox"/> Additional enclosure(s) <small>(please identify below)</small>
copies of 2 cited references		
Remarks Reference copies attached: 2 US patent refs		

**CORRESPONDENCE ADDRESS** Customer Number or Bar Code Label

Customer Number - 26652

or  Correspondence address below

NAME	Samuel H. Dworetzky			
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CITY	Middletown	STATE	New Jersey	ZIP CODE
COUNTRY	United States of America			

**SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT REQUIRED**

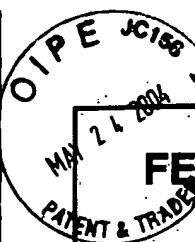
NAME	Robert T. Canavan	Reg. #	37592
TELEPHONE	908-707-1568		
SIGNATURE		DATE	05/20/2004

**CERTIFICATE OF MAILING**

I hereby certify that this correspondence is being deposited with the United States Postal Service with sufficient postage thereon as first class mail in an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on this date: 05/20/2004

Type or Printed Name	Robert T. Canavan		
Signature		Date	05/20/2004

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## FEE TRANSMITTAL

Patent Fees are subject to annual revision.

TOTAL AMOUNT  
OF PAYMENT

180

		Complete If Known	
Application Number	09/617,083		
Filing Date	07/14/2000		JUN 01 2004
First Named Inventor	Jin-Meng Ho et al.		
Examiner Name	Steven Blount		
Group/Art Unit	2661		Technology Center 2600
Attorney Docket No.	2000-0397		

## METHOD OF PAYMENT (check one)

1. The Commissioner is hereby authorized to charge indicated fees and credit any overpayments to:

Deposit Account Number 01-2745  
Deposit Account Name AT&T CORP.

Charge Any Additional Fee Required Under 37 CFR 1.16 and 1.17  Charge the Issue Fee Set in 37 CFR 1.18 at the Mailing Date of the Notice of Allowance

## FEE CALCULATION

## 1. FILING FEE

Large Fee Code	Entity Fee(\$)	Fee Description	Fee Paid
1001	770	Utility(37CFR 1.53(b)) / CPA(37CFR 1.53(d)) Filing Fee	
1002	340	Design Filing Fee	
1004	770	Reissue Filing Fee	
1005	160	Provisional Filing Fee	

## SUBTOTAL (1)

2. CLAIMS  Filing Under 37CFR 1.53 (b)  
 CPA Under 37CFR 1.53 (d)  
 Amendment

Extra Claims	Fee from below	Fee Paid
Total 12 - 20 = 0	X 18 = 0	
Ind. 2 - 3 = 0	X 86 = 0	

## Multiple Dependent Claims

Large Fee Code	Entity Fee(\$)	Fee Description
1202	18	Claims in excess of 20
1201	86	Independent Claims in excess of 3
1203	290	Multiple Dependent Claims
1204	86	** Reissue Independent claims over original patent
1205	18	** Reissue claims in excess of 20 and over original patent

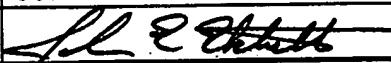
\*\* or number previously paid, if greater; for Reissues, see above

## SUBTOTAL (2)

## SUBTOTAL(3) 180

## SUBMITTED BY

Complete (if applicable)

Typed or Printed Name	John E. Etchells	Reg. Number
Signature		Date 5/20/04

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